

HP Compaq dx2710/dx2310 Business Desktop PC



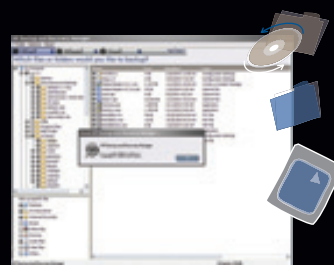
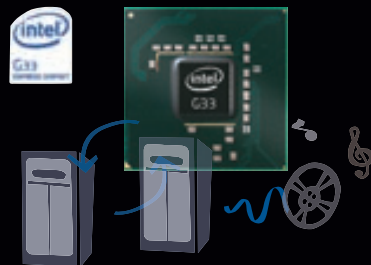
HP recommends Windows Vista® Business.

*B*USINESS *R*ELIABILITY  
WITH  
STYLISH *E*LEGANCE



BUSINESS & PERSONAL

Your business needs a reliable, streamlined computing solution for your everyday requirements. Now, you can choose from the HP Compaq dx2710/dx2310 Business Desktop PCs to meet, and exceed, those needs with stylish elegance. Beneath the professional metal finish and impressive high-gloss exterior, you will find the muscles needed to power your essential business computing needs. With the HP Compaq dx2710/dx2310 Business Desktop PCs, you will have the quality, dependability and flexibility needed, so that you can focus on business.



### EFFICIENT, PRACTICAL DESIGN

- **Professional and elegant facade**—enhance business and professional image with a chassis that includes real metal surfaces and glossy finishes
- **Convenient front access**—experience the convenient access to ports and removable media from a well-designed enclosure
- **Built-in flexibility**—configure with Multiple expansion bays, USB 2.0 ports and pre-qualified options<sup>1</sup>, as required
- **Form factor choice**—choose from either microtower or the HP Compaq dx2710 Business Desktop PC small form factor chassis
- **Enhanced reliability**—get longer lifecycles and reliable performance with efficient cooling and electrical subsystems, which were specifically engineered to improve airflow and reduce noise and heat
- **Energy efficient design**—with lower CPU power consumption, energy-efficient cooling, APM 1.2 support and multiple “idle” modes, these PCs are engineered and built for reduced impact on the environment, as well as your operating costs

### UNCOMPROMISING PERFORMANCE

- **Proven Intel® processor technology**—Supports the latest Intel® Core™2 Duo<sup>2,3</sup>, Intel® Core™2 Duo<sup>2,3</sup>, Pentium Dual Core<sup>2,3</sup>, Intel® Celeron® Single<sup>3</sup> and Dual Core<sup>2,3</sup> processors
- **New Intel® G33 Express chipset**—enables advanced features such as integrated Intel® GMA 3100 graphics, HD audio, and a Gigabit Ethernet network connection for the HP Compaq dx2710 Business Desktop PC (choice of Intel® G31 Express Chipset for HP Compaq dx2310 Business Desktop PC)
- **SMART IV Technology**—helps prevent critical data loss on the hard drive by detecting possible read/write errors in the cache RAM and providing advance alerts



### FLEXIBLE CONFIGURATION

- **Upgradeable video**—with the industry-standard PCI Express x16 expansion slot, choose from a wide range of proven video upgrade options
- **Advanced optical media options**—read and write to a wide range of CD and DVD industry formats, while creating professional-looking laser etched labels with the SuperMulti<sup>5</sup> LightScribe Drive<sup>1,6</sup>

### BUILT-IN PRODUCTIVITY TOOLS

- **Microsoft® Office Professional Edition 2007**—for productivity right out of the box, a 60-day trial version is included<sup>4</sup>
- **HP Backup & Recovery Manager**—helps to protect your data from software corruption or system application incompatibilities
- **Integrated 16-in-1 media reader**: enables handy access to digital files from a variety of media types



### HI-DEFINITION AUDIO

- **Front and rear ports**—access audio ports that are located at the front and back for greater flexibility and convenience
- **High Definition audio**—enjoy playback with fewer glitches using the latest stable, sophisticated audio architecture
- **Better sampling rates**—hear the difference thanks to compatibility with higher sampling rates and better bit resolution

<sup>1</sup> Sold separately or purchased as an optional feature.

<sup>2</sup> Dual Core/Quad Core is a new technology designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefit; check with software provider to determine suitability. Not all customers or software applications will necessarily benefit from use of this technology.

<sup>3</sup> 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See [www.intel.com/info/em64t](http://www.intel.com/info/em64t) for more information.

<sup>4</sup> The Microsoft® Office Professional Edition 2007 is a trial version; functionality is reduced after 60 days. The full version is sold separately.

<sup>5</sup> Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided—Version 1.0 media.

<sup>6</sup> Do not copy copyright protected materials. LightScribe creates a monochrome image. LightScribe media required and sold separately.

# DESIGNED TO MEET YOUR SPECIFIC BUSINESS NEEDS

Flexible, customisable and expandable performance  
for your business—Microtower

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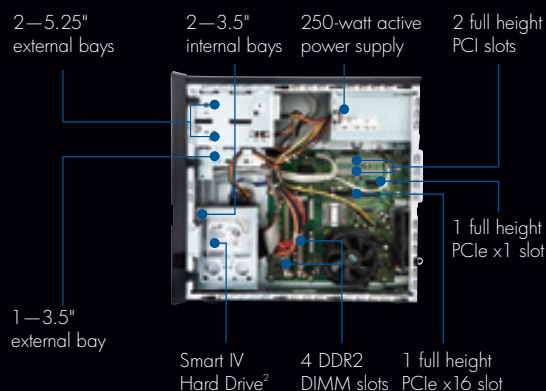
## Front view



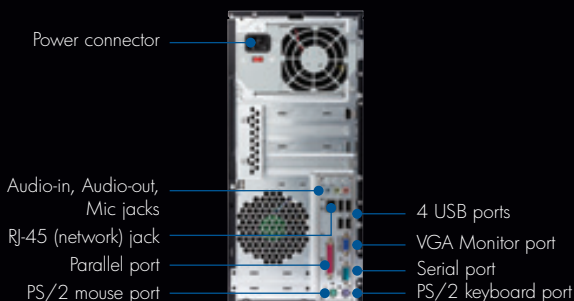
<sup>1</sup> Sold separately or purchased as an optional feature.

<sup>2</sup> GB = 1 billion bytes. Actual formatted capacity is less. Up to 8GB is reserved for system recovery software.

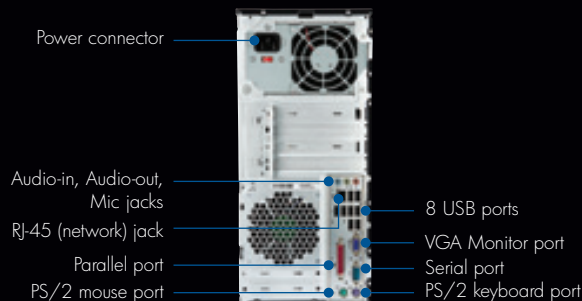
## Internal view (HP Compaq dx2710 Microtower Business Desktop PC shown)



## Rear view (HP Compaq dx2310 Business Microtower PC)

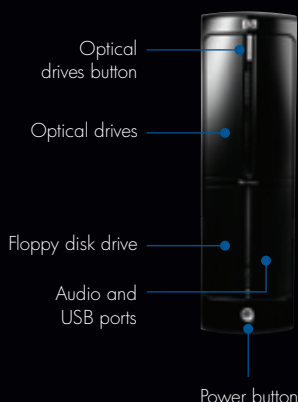


## Rear view (HP Compaq dx2710 Business Microtower PC)

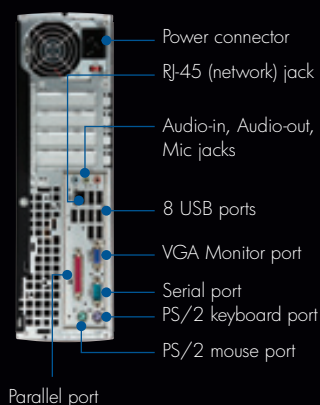


Maximum performance in minimum space—Small Form Factor

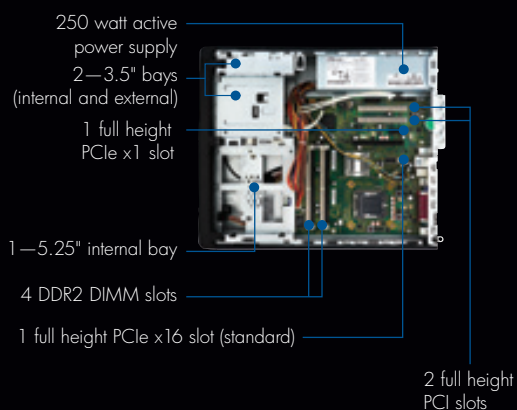
## Front view



## Rear view



## Internal view





## SMART IDEAS FOR THE ENVIRONMENT

### Built for Energy Efficiency

Built-in energy efficient features help to reduce operating costs while lowering energy consumption.

- APM 1.2 Support
- Screen blanking
- "Idle" modes for system and hard drive
- -2 watt power consumption in Energy Saving mode

### Designed with the Environment in Mind

Reduced environmental impact for life of the product, from production and packaging to disposal.

- Fewer natural resources used in production and packaging
- Recycling made easier

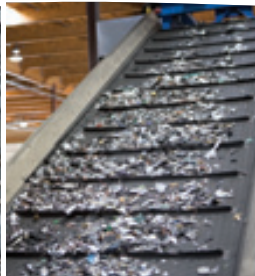
HP products, from acquisition to disposal, is simply the safer choice for the environment.

#### Energy efficiency



- Lower power processors & chipsets
- Sleep states enabled

#### Design for recycling



- RoHS compliant
- Modular designs
- Use molded-in colours and finishes
- Reduce amount and types of materials
- Mark plastic parts

#### Recycled content



- Recycled plastics
- Recycled packaging material

#### Product reuse and recycling



- Trade-in Program
- Leasing
- Remarket/refurbish
- Recycling
- Donation

# MAXIMISE PERFORMANCE, BOOST PRODUCTIVITY AND SECURE YOUR BUSINESS INVESTMENT WITH THE FLEXIBLE OPTIONS OFFERED BY HP.

## Performance —graphics<sup>1</sup>



### **NVIDIA GeForce 8400 GS (256 MB) Single Head<sup>2</sup>:**

Get increased levels of graphics realism and performance, with full support for both DirectX<sup>®</sup> 9 and DirectX<sup>®</sup> 10<sup>3</sup>



### **ATI Radeon HD 2400XT (256 MB) Dual Head:**

Enjoy low cost support for larger format displays that are designed for quick, easy setup for multiple displays, also with DirectX<sup>®</sup> 10<sup>3</sup> support

## Performance —productivity<sup>1</sup>



**SuperMulti<sup>4</sup> LightScribe Drive<sup>5</sup>:** Read and write to most DVD and CD media formats while providing the ability to create professional looking laser etched labels



**HP CRT and LCD flat-panel monitors:** Flicker-free, with anti-glare coatings and larger display sizes, to make you more comfortable and productive

## Security<sup>1</sup>



**HP Business Security Lock Kit<sup>6</sup>:** Protect your computing assets with a simple effective lock that also secures your input devices and prevents removal of cables at the back of the PC



**Kensington Lock<sup>6</sup>:** Physically secure your PC

<sup>1</sup> Sold separately or purchased as an optional feature.

<sup>2</sup> 1 GB of system memory required. Graphics cards use part of the total system memory to enhance graphics performance.

<sup>3</sup> DirectX<sup>®</sup> 10 requires Windows Vista<sup>®</sup>.

<sup>4</sup> Note that DVD-RAM cannot read or write to 2.6 GB Single-Sided/5.2 GB Double-Sided—Version 1.0 media.

<sup>5</sup> Do not copy copyright protected materials. LightScribe creates a monochrome image. LightScribe media required and sold separately.

<sup>6</sup> Sold separately or purchased as an optional feature. Available worldwide.

FOR MORE INFORMATION ON THE FULL RANGE OF ACCESSORIES, PLEASE VISIT [WWW.HP.COM](http://WWW.HP.COM)



# HP Compaq dx2710/dx2310 Business Desktop PC

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**HP Compaq dx2310  
Business Microtower PC**



**HP Compaq dx2710  
Business Microtower PC**



**HP Compaq dx2710  
Business Small Form Factor PC**

<b>Processor</b>	Intel® Core™2 Quad processors <sup>1, 2</sup> , Intel® Core™2 Duo processors <sup>1, 2</sup> , Intel® Pentium® Dual-Core processors <sup>1, 2</sup> , Intel® Celeron® processors <sup>1, 2</sup>	
<b>Operating system</b>	Genuine Windows Vista® Business 32 <sup>3</sup> Genuine Windows Vista® Home Basic 32 <sup>3</sup> Genuine Windows Vista® Business Edition with downgrade to Genuine Windows XP® Professional pre-installed <sup>4</sup> Red Flag Linux® (China only) FreeDOS	
<b>Chipset</b>	Intel® G31 Express chipset	Intel® G33 Express chipset
<b>Memory</b>	512 MB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC 1 GB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC 2 GB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC 3 GB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC 4 GB PC2-6400 DDR2 SDRAM (800 MHz) Non-ECC	
<b>Hard drive(s)<sup>5</sup></b>	80 GB Serial ATA 3.0 GB/s Hard Drive (7200 rpm) 160 GB Serial ATA 3.0 GB/s Hard Drive (7200 rpm) 250 GB Serial ATA 3.0 GB/s Hard Drive (7200 rpm) 500 GB Serial ATA 3.0 GB/s Hard Drive (7200 rpm)	
<b>Expansion bays</b>	Internal: 2—3.5-inch; External: 1—3.5-inch, 2—5.25-inch	Internal: 1—3.5-inch; External: 1—3.5-inch, 1—5.25-inch
<b>Expansion slots</b>	2 full-height PCI 2.3 slots, 1 full-height PCIe x1 slot, 1 full-height PCIe x16 slot	
<b>Memory slots</b>	2 DIMMS	4 DIMMS
<b>Graphics</b>	Integrated Intel Graphics Media Accelerator 3100, NVIDIA GeForce 8400 GS (256 MB) Single Head PCIe x16—optional <sup>6</sup> ATI Radeon HD 2400XT (256 MB DH) PCIe x16—optional	
<b>Audio</b>	Realtek ALC662 High Definition audio codec, 3D audio compliant and HD Audio compatible	
<b>Removable media supported</b>	SATA DVD-ROM drive, SATA CD-RW/DVD-ROM Combo Drive, SATA SuperMulti LightScribe <sup>7</sup> DVD Writer Drive, 1.44 MB diskette drive, HP 16-in-1 Media Reader and additional USB 2.0 port	
<b>Communications</b>	Integrated Realtek 8111C-VB-GR Gigabit Ethernet Controller, Intel PRO/1000 PT Gigabit PCIe Controller (full height) (optional), NetXtreme 5751 Gigabit PCIe Controller (full height) (optional), Agere 56 K PCI Modem (optional)	Integrated Realtek 8111C-VB-GR Gigabit Ethernet Controller, Intel PRO/1000 PT Gigabit PCIe Controller (full height) (optional), Broadcom NetXtreme 5751 Gigabit PCIe Controller (full height for MT, low profile for SFF) (optional), Agere 56 K PCI Modem (optional)
<b>I/O ports and connectors</b>	6 USB 2.0 ports—2 front ports, 4 rear ports 2 internal ports on motherboard, 2 PS/2, 1 RJ-45, 1 VGA, 1 parallel, 1 serial, 1 audio in, 1 audio out, 1 MIC	10 USB 2.0 ports—2 front ports, 8 rear ports, 2 internal ports on motherboard, 2 PS/2, 1 RJ-45, 1 VGA, 1 parallel, 1 serial, 1 audio in, 1 audio out, 1 MIC
<b>Input Device</b>	Standard PS/2 or USB keyboard; PS/2 or USB 2-button optical scroll mouse, or USB 2-button laser mouse	
<b>Dimensions (H x W x D)</b>	385 x 185 x 416 mm (15.16 x 7.28 x 14.69 inches)	100 x 339 x 411 mm (3.94 x 13.34 x 16.18 inches)
<b>Power</b>	250-watt ATX Power Supply—PFC with a 115v/230v line switch (varies by country/region), with HV immunity up to 410V/s	
<b>Warranty and services</b>	1/1/1 standard limited warranty; other HP Care Pack Services available see <a href="http://www.hp.com/go/lookuptool">http://www.hp.com/go/lookuptool</a>	

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<sup>3</sup> Certain Windows Vista® product features require advanced or additional hardware. See [www.microsoft.com/windowsvista/getready/hardwarereq.mspx](http://www.microsoft.com/windowsvista/getready/hardwarereq.mspx) and [www.microsoft.com/windowsvista/getready/capable.mspx](http://www.microsoft.com/windowsvista/getready/capable.mspx) for details. Windows Vista® Upgrade Advisor can help you determine which features of Windows Vista® will run on your computer. To download the tool, visit [www.windowsvista.com/upgradeadvisor](http://www.windowsvista.com/upgradeadvisor)

<sup>4</sup> An end user that is a business (including governmental or educational institutions) is expected to annually order at least 25 customer systems with the same custom image.

<sup>5</sup> GB = 1 billion bytes. Actual formatted capacity is less. Up to 12 GB of hard drive is reserved for system recovery software.

<sup>6</sup> 1 GB of system memory required. Graphics cards use part of the total system memory to enhance graphics performance.

<sup>7</sup> LightScribe creates a monochrome image. LightScribe media required and sold separately. Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided—Version 1.0 media.

To learn more, visit [www.hp.com/apac/bpc](http://www.hp.com/apac/bpc)

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Printed in Singapore, May 2008

